### 2005

# Virginia Department of Transportation Daily Traffic Volume Estimates Including Vehicle Classification Estimates

where available

# Special Locality Report 128

City of Roanoke

Prepared By

Virginia Department of Transportation Traffic Engineering Division

In Cooperation With

U.S. Department of Transportation Federal Highway Administration

### Virginia Department of Transportation Traffic Engineering Division Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people of the VDOT Traffic Engineering Division Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

### **Publication Notes**

### Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT Traffic Engineering Division Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

### Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

### QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

**2Axle Truck**: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

**3+Axle Truck**: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

### Route Shield Legend

### Route Systems

North 81	Interstate Route	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
29	US Route	
7	Virginia State Rou	te
(F241)	Frontage Road (F	precedes frontage route number)
600	Secondary Route	

### **Special Routes**

Bus	Bus - Business Route	
[29]	Bypas - Bypass Route	
	Truck - Truck Route	
ALT	ALT - Alternate Route	
(220)	Wye - Wye Route connector	
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- P Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
- The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

_			/ OF ROand			_		Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
~~	From:		ECL Salem													
11 Brandon Ave	City of Roanol	ke 1.35	20000	G	98%	0%	1%	0%	0%	0%	F	0.094	F	0.604	22000	G
~	To- From:	Edgewo	od St; Mud	Lick Rd												
11 Brandon Ave	City of Roanol	ke 1.03	12000	G	98%	0%	1%	0%	0%	0%	F	0.082	F	0.553	14000	G
<i></i>	To:		Grandin Rd													
Oracadia Bul	From:		Brandon Ave		000/	00/	40/	00/	00/	00/	_	0.000	_	0.500	0000	,
11 Grandin Rd	City of Roanol		7500 morial Aver	G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.589	8600	(
	From:		Grandin Rd	iue												
11 Memorial Avenue	City of Roanol		12000	Α	98%	0%	1%	0%	0%	0%	С	0.113	Α	0.65	13000	,
	To:		ampbell Ave	e												
~	From:		Iemorial Av													
11 Campbell Ave	City of Roanol		4400	G	98%	0%	1%	0%	0%	0%	F	0.109	F	0.752	5000	(
~	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	9800	G	98%	0%	1%	0%	0%	0%	F	NA			11000	(
	To- From		7th St				$\Box$									
11 Campbell Ave	City of Roanol	ke 0.47	6100	G	98%	0%	1%	0%	0%	0%	F	0.092	F	0.556	6900	(
~	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	9300	G	98%	0%	1%	0%	0%	0%	F	NA			11000	(
	To:		3rd St													
Campbell Ave	From: City of Roanol	ke 0.28	6900	G	98%	0%	1%	0%	0%	0%	F	0.092	F	0.755	7800	(
	Combined Traffic Estimates for 2 Parallel		13000	G	98%	0%	1%	0%	0%	0%	F	NA			14000	
	To						<del></del>				•					
11) (221) (116) Campbell Ave	From: City of Roanol	ke 0.05	US 221 <b>6900</b>	N	98%	0%	1%	0%	0%	0%	N	0.092	N	0.755	7800	-
11 221 116 Campbell Ave	Combined Traffic Estimates for 2 Parallel			N	98%	0%	1%	0%	0%	0%	N	NA	IN	0.755	11000	
	To:		/illiamson R		90 /0	076	1/0	076	076	0 /6	IN	INA			11000	
	From:		Campbell Ave													
11) (221) (116) Williamson Rd	City of Roanol	ke 0.22	21000	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.517	24000	(
	To:	Sh	enandoah A	ve												
11) (221) (116) Williamson Rd	From: <b>∟</b> City of Roanol		17000	G	98%	0%	1%	0%	0%	0%	F	0.093	F	0.6	19000	(
11) (221) (110)	Tec															
11) (221) (116) Williamson Rd	From: City of Roanol	ke 0.50	I-581 <b>11000</b>	G	100%	0%	0%	0%	0%	0%	F	0.084	F	0.502	12000	(
11 221 116 Williamson Rd	City of Roallor				100 /6	076	<u> </u>	076	076	0 /6		0.004	-	0.302	12000	,
~~	To- From:		460 Orange								_		_		.=	
11) Williamson Rd	City of Roanok	ke 0.92	15000	G	100%	0%	0%	0%	0%	0%	F	0.082	F	0.528	15000	(
~	To- From:		Liberty Rd													
11 Williamson Rd	City of Roanol	ke 0.51	15000	G	100%	0%	0%	0%	0%	0%	F	0.074	F	0.502	16000	(
~	To		10th St													
11 Williamson Rd	City of Roanol	ke 1.27	17000	G	100%	0%	0%	0%	0%	0%	F	0.079	F	0.522	18000	(
<u> </u>	To	ÇD 10	1 Hershberg	er RA												
11 Williamson Rd	From: City of Roanol		18000	G G	100%	0%	0%	0%	0%	0%	F	0.086	F	0.535	18000	(
11) Williamson Rd	City of Roallor				100 /0	0 /0	0 /0	U /0	U /0	U /0	r	0.000		0.555	10000	,
~~ ·	Ta- From:		118 Airport													
11) Williamson Rd	City of Roanol		17000	G	100%	0%	0%	0%	0%	0%	F	0.086	F	0.51	17000	(
<u>~</u>	To:	N	ICL Roanok	e												

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### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

-		Oit	y or Roano	NC				Tru	ol.			V		Dir		
Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus		3+Axle			QC	K	QK		AAWDT	QW
	From:		Campbell Ave				ZAXIE	3+Axie	IIIali	ZITAII		Factor		Factor		
11 (221 (116) 13th Street	L City of Roand		3200	G	98%	0%	1%	0%	0%	0%	F	0.1	F	0.606	3700	G
(L) (221) (110) 15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Combined Traffic Estimates for 2 Parallel			N	98%	0%	1%	0%	0%	0%	N	NA	•	0.000	11000	N
	To:	Troddwdyd o'r triid Trodto.	Salem Ave		3070	070	Τĺ	070	070	070	.,	100			11000	
~~~	From:		13th St													
(11) Salem Ave	City of Roand	oke 0.34	5400	G	98%	0%	1%	0%	0%	0%	F	0.093	F	0.526	6100	G
<b>*</b>	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	9800	G	98%	0%	1%	0%	0%	0%	F	NA			11000	G
	To- From:		9th St													
Salem Ave	City of Roand	oke 0.40	3200	G	98%	0%	1%	0%	0%	0%	F	0.094	F	0.655	3600	G
P	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	7600	G	98%	0%	1%	0%	0%	0%	F	NA			8700	G
	Tax	•	5th St													
(1,1) Salem Ave	From: L City of Roand	oke 0.30	5000	G	98%	0%	1%	0%	0%	0%	F	0.098	F	0.611	5700	G
(P)	Combined Traffic Estimates for 2 Parallel			G	98%	0%	1%	0%	0%	0%	F	NA			13000	G
	To		2nd St						-,-	-,-	•					_
11 Salem Ave	From: L City of Roand	oke 0.22	5700	G	98%	0%	1%	0%	0%	0%	F	0.097	F	0.734	6500	G
Salem Ave	Combined Traffic Estimates for 2 Parallel			G	98%	0%	1%	0%	0%	0%	F	NA	'	0.754	14000	G
	To:	•	Jefferson St	G	90 /0	076		0 /6	070	0 /6		INA			14000	G
ALT	From:		ECL Salem				_									
11 (460) Melrose Ave	L City of Roand		17000	G	95%	1%	1%	1%	2%	0%	F	0.084	F	0.522	19000	G
(11) (460)	- F				0070	170		170	270	070	•	0.001	•	0.022	10000	Ū
ALT	From:	SR 11	7 Peters Cree	k Rd												
11 (460) Melrose Ave	City of Roand	oke 1.75	12000	G	95%	1%	1%	1%	2%	0%	F	0.086	F	0.508	13000	G
<u></u>	To:		24th St													
ALT (11) (460) (116) Melrose Ave	City of Roand	oke 0.41	12000	G	95%	1%	1%	1%	2%	0%	F	0.077	F	0.503	13000	G
(11) (460) (116) Melrose Ave	City of Roalic				9376	1 /0	1 /0	1 /0	Z/0	0 /6		0.077	-	0.505	13000	G
ALT	To: From:	Sa	alem Turnpik	e												
(11) (460) (116) Orange Ave	City of Roand	oke 1.00	14000	G	95%	1%	1%	1%	2%	0%	F	0.076	F	0.511	15000	G
$\bigcirc$	Tat	10TH	ST, Gainsbor	ro Rd												
ALT	From: L				050/	407	40/	407	007	00/	_	0.004		0.505	40000	
11 460 116 Orange Ave	City of Roand	oke 0.90	17000	Α	95%	1%	1%	1%	2%	0%	С	0.094	Α	0.525	18000	Α
ALT ALT	To: From:	I-581, U	S 220, ALT S	SR 220												
(11) (460) (116) (220) Orange	Ave City of Roand	oke 0.24	45000	G	95%	1%	1%	1%	2%	0%	F	0.074	F	0.518	50000	G
(11) (400) (110) (220) 813.1981	To:		1 Williamson	_	0070	.,,		. , ,	_,,	0,0	•	0.07	•	0.0.0	00000	
	From	SR	R 116 Elm Av	/e												
24 Jamison Ave	L City of Roand		15000	G	97%	0%	1%	0%	1%	0%	С	0.084	F		17000	G
2-7											-					-
Jamison Ave	City of Roand		24 Par, 6th S 13000	G	97%	0%	1%	0%	1%	0%	С	0.094	F		15000	G
24 Jamison Ave	•										С		г			G
	Combined Traffic Estimates for 2 Parallel		<b>25000</b> R 24 P, 13th S	G	98%	0%	1%	0%	1%	0%	Ü	NA			28000	G
	From:	SF	13th St	,,												
24 Jamison Ave	City of Roand	oke 0.19	28000	G	97%	0%	1%	0%	1%	0%	F	0.084	F	0.629	31000	G
	To:		Dale Ave													

### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

		City of Roa					Tru	ıck			K		Dir		
Route	Jurisdiction	Length AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
	From:	Jamison A	ve				317000	7 1 TOIL			. 40101		. 40101		
24) Dale Ave	City of Roanoke	0.69 <b>26000</b>		97%	0%	1%	0%	1%	0%	F	0.085	F	0.627	28000	G
	To:	ECL Roand													
	From:	6th St													
Bullitt Ave	City of Roanoke	0.68 12000	G	98%	0%	1%	0%	1%	0%	С	0.099	F	0.522	13000	G
(24) =	Combined Traffic Estimates for 2 Parallel Roadway			98%	0%	1%	0%	1%	0%	C	NA			28000	G
	To:	Jamison A		0070	070	Ť	070	170	070	Ŭ				20000	Ŭ
	From:	SR 117 Peters C	reek Rd												
101) Hershberger Rd	City of Roanoke	1.34 9700	G	99%	0%	0%	0%	0%	0%	С	0.082	F	0.502	11000	G
101) Hororiborgor red	and the second s			0070	070		070	070	070	Ŭ	0.002	•	0.002	11000	
Harabbargar Dd	From:	SR 116 Cov		97%	1%	10/	40/	1%	0%	F	0.005	F	0.501	22000	G
101 Hershberger Rd	City of Roanoke	0.58 <b>27000</b>	G	91%	170	1%	1%	170	0%	Г	0.085	Г	0.501	32000	G
	To- From:	I-581													
101) Hershburger Rd	City of Roanoke	1.25 <b>37000</b>		97%	1%	1%	1%	1%	0%	F	0.086	F	0.521	43000	G
$\overline{}$	To:	US 11 William	son Rd												
_	From:	Orange A	ve .												
115 Hollins Road	City of Roanoke	1.02 <b>7300</b>	G	95%	0%	1%	1%	2%	0%	С	0.087	F	0.620	8000	(
<u> </u>	Tor	Liberty S													
L'harta Baad	City of Daniel	Hollins R		050/	00/	40/	40/	00/	00/	_	0.007	_	0.000	5000	,
115 Liberty Road	City of Roanoke	0.30 4800	G	95%	0%	1%	1%	2%	0%	F	0.097	F	0.606	5300	(
	From:	Plantation : Liberty R													
115) Plantation Road	City of Roanoke	0.88 <b>9400</b>	G	97%	0%	1%	0%	1%	0%	С	0.095	F	0.568	10000	(
113)* **********************************	2.1, 2.1.22.1.2.1.2						-,-			_		•			
Diametrian Danel	From:	Hollins R		070/	00/	40/	00/	40/	00/		0.004	_	0.500	47000	_
115 Plantation Road	City of Roanoke	0.66 <b>16000</b> NCL Roand		97%	0%	1%	0%	1%	0%	С	0.091	F	0.586	17000	C
	-														
Mt Discount Divis	From:	SCL Roand		000/	00/	40/	00/	00/	00/	_	0.000	_	0.704	7700	,
116 Mt Pleasant Blvd	City of Roanoke	0.70 <b>7000</b>	G	98%	0%	1%	0%	0%	0%	F	0.099	F	0.764	7700	(
	From:	Riverland Mt Pleasant													
116) Riverland Rd	City of Roanoke	0.62 <b>9800</b>	G	98%	0%	1%	0%	0%	0%	С	0.089	F	0.696	11000	
116) ravonana ra	ony of realistic			0070	070		070	070	070	Ŭ	0.000	•	0.000	11000	`
	From:	9th St		000/	00/		00/	00/	00/	_	0.4	_	0.704	0000	
116 Riverland Rd	City of Roanoke	0.73 <b>7600</b>	G	98%	0%	1%	0%	0%	0%	F	0.1	F	0.724	8300	(
<u> </u>	From:	Piedmont Riverland													
116) Piedmont St	City of Roanoke	0.07 <b>4300</b>	G	98%	0%	1%	0%	0%	0%	F	0.111	F	0.770	4700	C
110)1 1001110111 01	To:	Walnut A	_	0070	070	Ť	570	J / U	J / 0	•	0.111	•	00	.,, 00	
	From:	Piedmont													
116) Walnut Ave	City of Roanoke	0.26 <b>5100</b>	G	98%	0%	1%	0%	0%	0%	С	0.092	F	0.734	5500	C
	То:	Jefferson													
	From:	Walnut A													
116 Jefferson St	City of Roanoke	0.42 <b>9400</b>	G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.617	10000	G
$\sim$	To:	Elm Ave	;												

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### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

-						_		Tru	ıck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q۷۱
	From:	US 221; 1U											_			
116 221 Jefferson St	City of Roanoke	0.18	6100	G	99%	0%	0%	0%	0%	0%	F	0.094	F	0.576	6700	G
	To- From:		US 11													
116) (11) (221) Campbell Ave	City of Roanoke	0.05	6900	N	98%	0%	1%	0%	0%	0%	Ν	0.092	Ν	0.755	7800	Ν
Com	nbined Traffic Estimates for 2 Parallel Roadwa			N	98%	0%	1%	0%	0%	0%	Ν	NA			11000	Ν
	To:		Villiamson R													
116) 11 (221) Williamson Rd	City of Roanoke	0.22	Campbell Av 21000	e G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.517	24000	G
116 (11) (221) Williamson Rd	City of Roalloke	0.22	21000		90 /6	076	1 /0	076	0 /0	0 /0		0.091		0.517	24000	G
	Ta: From:		nenandoah A													
116) (11) (221) Williamson Rd	City of Roanoke	0.15	17000	G	98%	0%	1%	0%	0%	0%	F	0.093	F	0.6	19000	G
<del></del>	To: From:		I-581				$\neg$ $\vdash$									
16) (11) (221) Williamson Rd	City of Roanoke	0.50	11000	G	100%	0%	0%	0%	0%	0%	F	0.084	F	0.502	12000	G
	То:		US 11													
ALT ALT	From:		US 460										_			_
116 (460) (11) (220) Orange Ave	City of Roanoke	0.24	45000	G	95%	1%	1%	1%	2%	0%	F	0.074	F	0.518	50000	G
) V V	To: From:	I-581, U	JS 220, ALT	SR 220												
ALT 16)(460)(11) Orange Ave	City of Roanoke	0.90	17000	Α	95%	1%	1%	1%	2%	0%	С	0.094	Α	0.525	18000	А
16 (460) (11) Orange Ave	Only of Rodiford	0.50	17000		3370	1 70	1 70	1 70	270	070	O	0.054	^	0.020	10000	
ALT	To: From:	10th	St, Gainsbor	ro Rd												
116)(460)(11) Orange Ave	City of Roanoke	1.00	14000	G	95%	1%	1%	1%	2%	0%	F	0.076	F	0.511	15000	G
	To:		alem Turnpil	I												
ALT	From:	ა	atem rumpii	Ke												
116 (460) (11) Melrose Ave	City of Roanoke	0.41	12000	G	95%	1%	1%	1%	2%	0%	F	0.077	F	0.503	13000	G
	To: From:		Melrose Ave				$\neg$ $\vdash$									
Lafayette Blvd	City of Roanoke	0.73	7700	G	98%	0%	1%	0%	0%	0%	С	0.08	F	0.604	8500	G
	To:		Cove Rd													
	From:		Lafayette Blv													
16 Cove Rd	City of Roanoke	0.72	12000	G	98%	0%	1%	0%	0%	0%	F	0.086	F	0.512	13000	G
<u> </u>	To:	SR 1	01 Hershberg	ger Rd												
	From:		US 11													
17)	City of Roanoke	2.34	16000	G	97%	1%	1%	1%	1%	0%	F	0.087	F	0.526	18000	G
	То:		Aerial Way D													
	From:		Melrose Ave								_		_			_
Peters Creek Rd	City of Roanoke	0.46	24000	G	97%	1%	1%	1%	1%	0%	F	0.083	F	0.521	27000	G
	To: From:	H	Iershburger F	Rd												
17) Peters Creek Rd	City of Roanoke	0.87	16000	G	97%	1%	1%	1%	1%	0%	F	0.084	F	0.526	19000	G
$\mathcal{L}$	To-		Cove Rd				<u> </u>									
Peters Creek Rd	City of Roanoke	1.37	18000	G	97%	1%	1%	1%	1%	0%	F	0.089	F	0.509	21000	G
111)						. , •		. , ,	.,.	- / 0		2.300	-	2.300		J
Detero Creal, D.1	Flori	0.00	I-581		070/	407	40/	407	407	007		0.44	^	0.500	04000	^
Peters Creek Rd	City of Roanoke	0.82	21000	Α	97%	1%	1%	1%	1%	0%	С	0.11	Α	0.533	24000	Α
$\sim$	То:	]	NCL Roanok	e												

Route	Jurisdiction	Length	AADT Q	1 ATiro	Bus		Tru	ıck		QC	K	QK	Dir	AAWDT	OW
Noute	From				Dus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QIV	Factor	AAWDI	QVV
118 Airport Rd	City of Roanoke	0.63	Williamson Rd 7000 G		0%	0%	0%	0%	0%	F	0.106	F	0.508	7700	G
	- To-	M	unicipal Rd												
(118) Airport Rd	City of Roanoke		11000 A	99%	0%	0%	0%	0%	0%	С	0.117	Α	0.521	12000	Α
$\overline{}$	То:	NO	CL Roanoke												
~~~ <u>-</u>	From:		CL Roanoke												
Franklin Rd	City of Roanoke (Maint: 80	)) 1.50	41000 G	85%	1%	1%	1%	11%	1%	F	0.08	F	0.588	41000	G
~~~	To- From:		0; SR 419 Electr												
Roy Webber Expwy	City of Roanoke (Maint: 80	)) 1.80	48000 G	85%	1%	1%	1%	11%	1%	F	0.086	F	0.563	49000	G
	To: From:		Wonju St	0.00	407										_
Roy Webber Expwy	City of Roanoke (Maint: 80	)) 1.71	65000 G	85%	1%	1%	1%	11%	1%	F	0.086	F	0.529	65000	G
~~~	To: From:		Elm Ave; I-581												
220 581	City of Roanoke (Maint: 80	•									es for this	s segr	ment.		
· ·	Combined Traffic Estimates for 2 Parallel Roadw	ays on this Route:	70000 G	93%	1%	1%	1%	5%	0%	F	NA			78000	G
	Ta: From:		Williamson Rd		0 150										
220 581	City of Roanoke (Maint: 80	,	75000 0								es for this	s segr	ment.	0.4000	0
	Combined Traffic Estimates for 2 Parallel Roadw	•		93%	1%	1%	1%	5%	0%	F	NA			84000	G
	City of Doopeles (Mainty 90		60 Orange Ave		Coo I F	14 for dir	ootional	troffic v	aluma a	atim at	oo for this		mant		
220 (581)	City of Roanoke (Maint: 80 Combined Traffic Estimates for 2 Parallel Roadw	,	75000 6		3ee 1-36 1%	1%	ectional 1%	5%	olume es	sumau F	es for this NA	segi	nent.	84000	G
	Combined Tramic Estimates for 2 Faraller Roadw	•		93%	170	170	170	3%	070	Г	INA			04000	G
(200) (504)	City of Roanoke (Maint: 80		ey View Blvd		See 1-58	R1 for dir	ectional	traffic v	oluma as	etimat	es for this	Sear	ment		
220 581	Combined Traffic Estimates for 2 Parallel Roadw	,	64000 A		1%	1%	1%	5%	0%	С			0.524	71000	Α
	To:		Hershberger Ro		170		170	070	070		0.100	,,	0.024	71000	,,
220 (581)	From: City of Roanoke (Maint: 80		nershberger Ko		See I-58	31 for dir	ectional	traffic v	olume es	stimate	es for this	s sear	ment.		
220 (301)	Combined Traffic Estimates for 2 Parallel Roadw	,	53000 G		1%	1%	1%	5%	0%	F	NA	3.		59000	G
	To	•	Peters Creek R												
Bus	From:	US 220; SR	419 South of Ro	anoke											
(220) Franklin Rd	City of Roanoke (Maint: 80	0.27	23000 G	98%	0%	1%	0%	0%	0%	С	0.084	F	0.529	25000	G
Bur	To- From:	Pe	enarth Road			$\Box$									
Bus 220 Franklin Rd	City of Roanoke	1.26	17000 G	98%	0%	1%	0%	0%	0%	F	0.09	F	0.516	19000	G
220) 1 14 114 11 114	Tro			- 0070	070		070	070	070	•	0.00	·	0.010	10000	Ū
Bus	From:		3-3 Wonju St												
220 Franklin Rd	City of Roanoke	0.38	9800 G	98%	0%	1%	0%	0%	0%	F	0.097	F	0.616	11000	G
Bus	To: From:	128-800	3 McClanahan S	St											
220 Franklin Rd	City of Roanoke	0.41	9400 G	98%	0%	1%	0%	0%	0%	F	0.090	F	0.512	10000	G
220)	То:		5; I-581 Underpa												

### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

-								Tru	ck			K	011	Dir		0144
Route	Jurisdiction -	Length A	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
ALT ALT	From:	I-581, US 2			050/	40/	40/	40/	20/	00/	_	0.074	F	0.540	50000	0
220 460 11 116 Orange Av	e City of Roanoke		45000	G	95%	1%	1%	1%	2%	0%	F	0.074	F	0.518	50000	G
ALT	To- From:	US 11 V	Williamson	Rd												
220 (460) (221) Orange Ave	City of Roanoke	0.49	42000	G	95%	1%	1%	1%	2%	0%	F	0.079	F	0.542	46000	G
ALT	To- From:	SR 11	5 Hollins R	Rd												
(220)(460)(221) Orange Ave	City of Roanoke	1.14	44000	G	93%	0%	1%	1%	4%	0%	F	0.079	F	0.559	46000	G
$\bigcirc$ $\bigcirc$ $\bigcirc$	To- Econo	<del></del>	24th St				$\neg$									
ALT (220) (460) (221) Orange Ave	City of Roanoke	1.37 3	33000	G	93%	0%	1%	1%	4%	0%	F	0.073	F	0.518	35000	G
(220) (460) (221) 614.1967116	To-		3055 King S					.,,	.,,	0,0	•	0.0.0	•	0.0.0		
ALT	From:				000/	00/	40/	40/	407	00/	_	0.070	_	0.540	40000	_
220 460 221 Orange Ave	City of Roanoke		<b>41000</b> ce County L	G	93%	0%	1%	1%	4%	0%	F	0.076	F	0.513	43000	G
	From:		L Roanoke													
221 Brambleton Ave	City of Roanoke		14000	G	99%	0%	0%	0%	0%	0%	С	0.098	F	0.59	15000	G
	To:	Ove	rland Road													
221 Brambleton Ave	City of Roanoke		7700	G	99%	0%	0%	0%	0%	0%	F	0.106	F	0.655	8400	G
	To-	Bra	andon Ave													
(221) Main St	City of Roanoke	1.19	8800	G	99%	0%	0%	0%	0%	0%	F	0.102	F	0.633	9700	G
	To: From:		8th St													
(221) Elm Ave	City of Roanoke	0.46 1	11000	G	98%	0%	1%	0%	0%	0%	С	0.094	F	0.692	12000	G
	To- From:	US 220	0 Franklin I	Rd			$\Box$									
(221) Elm Ave	City of Roanoke		8900	G	98%	0%	1%	0%	0%	0%	F	0.083	F	0.528	9700	G
	Combined Traffic Estimates for 2 Parallel Roadways			G	99%	0%	1%	0%	0%	0%	F	NA			19000	G
	From:		24 SR 116 US 221 Bu	ıs P												
(221)(116) Jefferson St	City of Roanoke	0.18	6100	G	99%	0%	0%	0%	0%	0%	F	0.094	F	0.576	6700	G
<u> </u>	To- From:	US 11	1 Salem Av	'e												
(221) (11) (116) Campbell Ave	City of Roanoke	0.05	6900	N	98%	0%	1%	0%	0%	0%	Ν	0.092	Ν	0.755	7800	Ν
	Combined Traffic Estimates for 2 Parallel Roadways		10000	N	98%	0%	1%	0%	0%	0%	Ν	NA			11000	Ν
	From:		liamson Rd LEM AVE													
(221) (11) (116) Williamson Rd	City of Roanoke	0.22	21000	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.517	24000	G
$\bigcirc$	Too. From:	Shen	andoah Ave	e			_									
(221) (11) (116) Williamson Rd	City of Roanoke		17000	G	98%	0%	1%	0%	0%	0%	F	0.093	F	0.6	19000	G
$\bigcirc$	To: From:		I-581													
(221) (11) (116) Williamson Rd	City of Roanoke	0.50 1	11000	G	100%	0%	0%	0%	0%	0%	F	0.084	F	0.502	12000	G
ALT.	To- From:	R	T 460 S													
(221) (460) (220) Orange Ave	City of Roanoke	0.49	42000	G	95%	1%	1%	1%	2%	0%	F	0.079	F	0.542	46000	G
221)(400)(220) 31311931110	To:		5 Hollins R				Ť		,-	- /-						-

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### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

		City	√of Roanol	ке												
Route	Jurisdiction	Longth	AADT	QA	4Tire	Ruc		Tru	ıck		QC	K	QK	Dir	AAWDT	. 0//
Noute	Julistiction	Lengui	AADI	QA	41116	Dus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QI	Factor	AAWDI	QVV
ALT	From:		115 Hollins R													
(221) (460) (220) Orange Ave	City of Roanok	ke 1.14	44000	G	93%	0%	1%	1%	4%	0%	F	0.079	F	0.559	46000	G
ALT	To: From:		24th St													
(221) (460) (220) Orange Ave	City of Roanok	ke 1.37	33000	G	93%	0%	1%	1%	4%	0%	F	0.073	F	0.518	35000	G
$\Leftrightarrow$	To:	128	8-8055 King S	St			$\neg$ $\vdash$									
(221) (460) (220) Orange Ave	City of Roanol	ke 0.18	41000	G	93%	0%	1%	1%	4%	0%	F	0.076	F	0.513	43000	G
221 460 220 Orange Ave	The Table		CL Roanoke		3370	070		1 /0	470	076	'	0.070	'	0.515	43000	J
	From:		5 221 Elm Av	Α.			$\pm$									
221 Franklin Rd	City of Roanok		8700	G	99%	0%	0%	0%	0%	0%	F	0.108	F	0.684	9500	G
(251)	Combined Traffic Estimates for 2 Parallel		18000	G	99%	0%	1%	0%	0%	0%	F	NA			19000	G
	To:		SR 116 Jeffer	son St												
	From:	US 220; Bu	us US 220 Fra	ınklin F	Rd											
419 Electric Rd	City of Roanoke (Ma	,	42000	G	99%	0%	0%	0%	0%	0%	F	0.084	F	0.504	46000	G
	То:	Roan	oke County L	ine												
ALT	From:		ECL Salem													
460 (11) Melrose Ave	City of Roanok	ke 0.65	17000	G	95%	1%	1%	1%	2%	0%	F	0.084	F	0.522	19000	G
ALT	To: From:	SR 11	7 Peters Creel	k Rd												
460 11 Melrose Ave	City of Roanok	ke 1.75	12000	G	95%	1%	1%	1%	2%	0%	F	0.086	F	0.508	13000	G
	To		24th St													
ALT (460) (11) (116) Melrose Ave	City of Roanol	ke 0.41	12000	G	95%	1%	1%	1%	2%	0%	F	0.077	F	0.503	13000	G
460 11 116 Melrose Ave	City of Roarion			<u> </u>	95 /0	1 /0	1 /0	1 /0	2/0	076	-	0.077	-	0.505	13000	G
ALT	To: From:		Salem Tpke													
(460) (11) (116) Orange Ave	City of Roanok	ke 1.00	14000	G	95%	1%	1%	1%	2%	0%	F	0.076	F	0.511	15000	G
ALT	To- From:	10th	St, Gainsboro	Rd			⊒⊢									
(460) (11) (116) Orange Ave	City of Roanol	ke 0.90	17000	Α	95%	1%	1%	1%	2%	0%	С	0.094	Α	0.525	18000	Α
400 (11) (10) 51511351115	Tax		S 220, ALT S					.,,		-,-						
ALT ALT	From:	-	•													
(460) (11) (116) (220) Orange Ave	e City of Roanok	ke 0.24	45000	G	95%	1%	1%	1%	2%	0%	F	0.074	F	0.518	50000	G
ALT	To: From:	US 1	1 Williamson	Rd												
(460)(221)(220) Orange Ave	City of Roanok	ke 0.49	42000	G	95%	1%	1%	1%	2%	0%	F	0.079	F	0.542	46000	G
$\bigcirc$	To	SR	115 Hollins R	2d												
ALT Orongo Avo	From:				020/	00/	40/	40/	40/	00/	_	0.070	_	0.550	46000	0
460 221 220 Orange Ave	City of Roanol	ke 1.14	44000	G	93%	0%	1% ——	1%	4%	0%	F	0.079	F	0.559	46000	G
ALT	To- From:	-	24th St													
(460)(221)(220) Orange Ave	City of Roanok	ke 1.37	33000	G	93%	0%	1%	1%	4%	0%	F	0.073	F	0.518	35000	G
$\hookrightarrow$	To	128	8-8055 King S	t			$\neg$ $\vdash$									
ALT (220) Orange Ave	City of Roanok		41000	G	93%	0%	1%	1%	4%	0%	F	0.076	F	0.513	43000	G
460 221 220 Orange Ave			oke County L		3070	070	1 70	170	470	U 70	r	0.076	r	0.313	43000	G
		Roan	County L													

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### 2005 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

				_		Tru	ck			K		Dir		
Route	Jurisdiction Length A	ADT QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q۷
North ~~~	From: SR 24 Elm Ave; U													
581 (220)	, , , , , , , , , , , , , , , , , , , ,	5000 G		1%	1%	1%	5%	0%	F	0.087	F		39000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: <b>70</b>	0000 G	93%	1%	1%	1%	5%	0%	F	NA			78000	C
lorth	To US 11 Wi	illiamson Rd												
581)(220)	City of Roanoke (Maint: 80) 0.31 35	5000 G	93%	1%	1%	1%	5%	0%	F	0.088	F		39000	C
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 75	5000 G	93%	1%	1%	1%	5%	0%	F	NA			84000	(
orth	To From: US 460 C	Orange Ave												
81) 220	City of Roanoke (Maint: 80) 1.68 <b>40</b>	0000 G	93%	1%	1%	1%	5%	0%	F	0.093	F		44000	(
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 75	5000 G	93%	1%	1%	1%	5%	0%	F	NA			84000	(
	To Valley V	View Blvd												
orth 81) 220	City of Roanoke (Maint: 80) 1.11 32	2000 A	93%	1%	1%	1%	5%	0%	С	0.112	Α		35000	
81/(220)	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 64		93%	1%	1%	1%	5%	0%	C	0.106		0.524	71000	
	<u></u>	ershberger Rd												
orth	11010-	7000 G	93%	1%	1%	1%	5%	0%	_	0.104	_		30000	(
81) 220	• • • • • • • • • • • • • • • • • • • •	8000 G		1%	1%	1%	5% 5%	0%	F	0.104 NA	Г		59000	,
		ters Creek Ro		170	170	1 70	370	070	'	INA			33000	
outh	From: SR 24 Elm Ave; U	JS 220 Webb	er Expy											
81)(220)	City of Roanoke (Maint: 80) 0.77 <b>35</b>	5000 G	93%	1%	1%	1%	5%	0%	F	0.098	F		39000	(
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 70	0000 G	93%	1%	1%	1%	5%	0%	F	NA			78000	(
uth	To- From: US 11 Wi	illiamson Rd												
81) 220	City of Roanoke (Maint: 80) 0.45 <b>40</b>	0000 G	93%	1%	1%	1%	5%	0%	F	0.089	F		45000	(
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 75	5000 G	93%	1%	1%	1%	5%	0%	F	NA			84000	(
41-	To US 460 C	Orange Ave			_									
outh 81) 220	City of Roanoke (Maint: 80) 1.41 <b>35</b>	5000 G	93%	1%	1%	1%	5%	0%	F	0.093	F		40000	(
061/(220)	Combined Traffic Estimates for 2 Parallel Roadways on this Route: <b>75</b>		93%	1%	1%	1%	5%	0%	F	NA	•		84000	(
		View Blvd												
outh	rrom:		93%	1%	1%	1%	5%	0%	C	0.111	Α		36000	
81 220	City of Roanoke (Maint. 80) 1.49 32  Combined Traffic Estimates for 2 Parallel Roadways on this Route: 64		93%	1%	1%	1%	5% 5%	0% 0%	C	0.111	A	0.524	71000	
				1 /0	1 /0	1 /0	J/0	U /0	U	0.100	~	0.024	7 1000	,
outh	11000	ershberger Rd												
81 / 220 }	, , , , , , , , , , , , , , , , , , , ,	6000 G	93%	1%	1% 1%	1%	5%	0% 0%	F	0.098	F		29000	(
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 53	3000 G	93%	1%		1%	5%			NA			59000	(

						City of Roan	oke								
Route	Length	AADT	QA	4Tire	Bus	T 2Axle 3+Axl			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From:				GD 101 O 1	D :								
(F74)	0.42	NA				SR 101 Ordway	Drive			NA			NA		
F74)	0.12	To				Roanoke County	Line			<b>–</b> "`			107		
		From:			US 2	20 SOUTHERN H	ILLS LAN	E							
F897)	0.39	NA								NA			NA		
$\bigcup$		To:				C2US 220									
		From:				1US 221-P									
1 2nd Street	0.23	6200	G	96%	0%	3% 0%	0%	0%	F	0.125	F	0.508	6800	G	2005
		To- From:				Salem Ave									
1) 2nd St; Gainsboro Rd	0.73	8500	G	96%	0%	3% 0%	0%	0%	С	0.114	F	0.663	9300	G	2005
<u> </u>		To:				Orange Ave	<b>;</b>								
O		From:	<u> </u>			Franklin St					_		.=	_	
3 Wonju St	0.30	14000	G	98%	0%	1% 0%	1%	0%	С	0.099	F	0.559	15000	G	2005
			<u> </u>			Colonial Av									
4 Kimball Ave	0.75	9300	G	98%	0%	Williamson F	<u>≀d</u> 1%	0%	F	0.093	F	0.671	10000	G	2005
4 Kimbali Ave	0.75	<b>9300</b> To:	_	90 /0	0 /6	Orange Ave		076		0.093		0.071	10000	G	2003
		From:				US 460				1					
5 Plantation Rd	0.33	8400	G	98%	0%	1% 0%	1%	0%	F	0.085	F	0.583	9200	G	2005
3)		To													
5 Plantation Rd	0.82	6600	G	98%	0%	Mohawk Av	1%	0%	F	0.094	F	0.618	7200	G	2005
3) Flamation red	0.02	To:		0070	070	Liberty Rd		070			•	0.010	1200	Ū	2000
		From:				2Nd St				i					
6 Wells Ave	0.38	8000	G	98%	0%	1% 0%	1%	0%	F	0.104	F	0.589	8700	G	2005
<u> </u>		To:				Williamson F									
		From:				Norfolk Ave	e								
7 Wise Ave	0.72	6100	G	98%	0%	1% 0%	1%	0%	F	0.127	F	0.818	6700	G	2005
		To:				Vinton Ave	;								
		From:				Riverland R	d								
8 9th Street	0.21	6800	G	98%	0%	1% 0%	1%	0%	F	0.092	F	0.586	7400	G	2005
<u> </u>		To- From:				Industry Av	e								
8 9th Street	0.93	10000	G	98%	0%	1% 0%	1%	0%	F	0.093	F	0.531	11000	G	2005
$\smile$		To: From:				SR 24 P Bullitt	Ave								
8 9th Street	0.06	10000	N	98%	0%	1% 0%	1%	0%	N	0.093	Ν	0.531	11000	Ν	2005
<u> </u>		To: From:				SR 24 Jamison	Ave			<b>—</b>					
8 9th Street	0.18	10000	N	98%	0%	1% 0%	1%	0%	N	0.093	Ν	0.531	11000	Ν	2005
		To:				Tazewell Av	re e								
_		From:				WCL Roanol	ke								
Colonial Ave	1.16	9000	G	99%	0%	1% 0%	0%	0%	F	0.096	F	0.529	9800	G	2005
<u> </u>		To: From:				Persinger Ro									
Colonial Ave	0.81	19000	G	99%	0%	Persinger Ros	0%	0%	F	0.098	F	0.554	21000	G	2005
Colonial Ave	0.01	To:		3370	0 70	Brandon Av		070	-	0.030	'	0.554	21000	O	2003
		From:	_							i					
Yellow Mountain Rd	2.59	2000	G	99%	0%	SCL Roanok	0%	0%	С	0.127	F	0.739	2200	G	2005
5003) Tollow Woodnaari Ra	2.00	2000	<u> </u>								•	0.700	2200	Ü	2000
McClanahan St	0.48	6800	G	98%	0%	Jefferson St 1% 0%	0%	0%	С	0.089	F	0.541	7400	G	2005
McClananan St	0.40	To		30 70	0 70	Franklin Rd		070		0.009	'	0.541	7400	J	2003
		From	_			ECL Roanok									
Bandy Rd	0.37	1400	G	98%	0%	1% 0%	0%	0%	F	0.102	F		1600	G	2005
0000		To:	Ē	•		28-8009 Garden C			-	$\neg$	-			-	
		From:				WCL Roanol				Ī					
8008) Salem Tnpk	1.35	7300	G	98%	0%	1% 0%	0%	0%	F	0.087	F	0.507	8000	G	2005
<u> </u>		To				36th St									
		From:	<b></b>			30 H) C									
8008) Salem Tnpk	1.20	9000	G	96%	1%	1% 1%	1%	0%	С	0.082	F	0.513	9900	G	2005

						City of Roar	IOKE								
Route	Length	AADT	QA	4Tire	Bus	7 2Axle 3+Ax	ruck le 1Trail	2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
0 1 0'' 51 1	0.40	From	<u> </u>	000/	00/	Yellow Mtn		00/		0.404	_	0.557	4500	_	2005
8009 Garden City Blvd	0.42	4200	G	99%	0%	1% 0%	0%	0%	F	0.101	F	0.557	4500	G	2005
<u> </u>		From	<u> </u>			Ray Rd				_	_				
8009 Garden City Blvd	1.36	5200 <sub>To</sub>	G	99%	0%	1% 0%	0%	0%	С	0.093	F	0.567	5700	G	2005
						SR 116 Riverla									
Charandash Aus	0.40	From	<u> </u>	000/	40/	WCL Roand		00/		0.000	_	0.500	4.4000	_	2005
Shenandoah Ave	2.13	12000	G	96%	1%	1% 1%	1%	0%	С	0.088	F	0.502	14000	G	2005
<u> </u>		To From	<u> </u>			24Th St									
Shenandoah Ave	0.77	9200	G	96%	1%	1% 1%	1%	0%	F	0.089	F	0.529	10000	G	2005
		To From				15Th St									
Shenandoah Ave	0.86	9200	G	96%	0%	1% 1%	2%	0%	С	0.091	F	0.547	10000	G	2005
		To From				5Th St									
8010) Shenandoah Ave	0.29	4500	G	96%	0%	1% 1%	2%	0%	F	0.092	F	0.646	4900	G	2005
<u> </u>		To				Williamson	Rd								
		From				SCL Roano	ке								
Odgen Rd	0.55	9200	G	99%	0%	1% 0%	0%	0%	С	0.095	F	0.537	10000	G	2005
$\overline{}$		To				WCL Roand	ke								
		From				SCL Roano									
8013) Grandin Rd	1.11	7900	G	98%	0%	1% 1%	0%	0%	С	0.096	F		8600	G	2005
$\overline{}$		To				US 11									
		From			_	SR 419									
8014) Grandin Rd	0.72	5900	G	99%	0%	1% 0%	0%	0%	F	0.106	F	0.502	6500	G	2005
<u> </u>		To From				Mudlick R	i								
Grandin Rd	0.97	2900	G	99%	0%	0% 0%	0%	0%	С	0.099	F	0.506	3100	G	2005
<u> </u>		To				Garst Mill F	ld								
		From				US 220 Bu	s								
8015) Franklin Rd	0.60	11000	G	98%	0%	1% 1%	0%	0%	С	0.090	F	0.618	12000	G	2005
$\overline{}$		To				US 221 Elm 2									
Franklin Ava	0.14	5100	G	98%	0%	US 221 Jeffers 1% 1%		00/	F	0.12	F	0.960	5600	G	2005
Franklin Ave	0.14	3100 To		90%	076	1% 1% Williamson R	0%	0%	Г	0.12	Г	0.869	5600	G	2000
		From				Williamson									
8015) Tazewell Ave	0.54	5600	G	98%	0%	1% 0%	0%	0%	С	0.128	F	0.806	6100	G	2005
$\cup$		To				9Th St									
8015) Tazewell Ave	0.34	4700	G	98%	0%	1% 0%	0%	0%	F	0.133	F	0.907	5100	G	2005
8013)	0.0 .	To	Ť	0070	070	13Th St	0,0	0,0	•		•	0.00.	0.00		
		From				NCL Roanoke NC	L Salem			Ī					
8018) Green Ridge Road	1.23	5000	G	99%	0%	1% 0%	0%	0%	F	0.101	F	0.52	5400	G	2005
		To		- / -		SR 117 Peters Cre									
8018) Cove Rd	1.49	8200	G	99%	0%	1% 0%	ek Road 0%	0%	С	0.092	F	0.530	9000	G	2005
8018) Cove Rd	1.43	<b>0200</b> To		JJ /0	0 /0	Hershberger		J /0		0.032	1.	0.550	3000	J	2000
		From				Grandin Re				ı İ					
8020) Mud Lick Rd	1.43	3100	G	99%	0%	1% 0%	0%	0%	F	0.130	F	0.682	3400	G	2005
0020 Mad Llok Rd	1.70	То	Ť	JJ /0	5 /0	US 11 Brandor		370	•		•	0.002	3-00	J	2000
		From				Brandon Av									
8020) Edgewood Ave	0.76	6400	G	99%	0%	1% 0%	0%	0%	С	0.106	F	0.507	7000	G	2005
$\overline{}$		To				Memorial A									
Managial Aug	0.74	From	_	000/	00/	Edgewood A		00/		0.100	_	0.540	F700	_	2005
	0.71	<b>5200</b>	G	99%	0%	1% 0% Grandin Re	0%	0%	F	0.108	F	0.512	5700	G	2005
Memorial Ave		10				Grandin K				I					
8020) Memorial Ave		_				WWW.com									
	0.00	From		000/	007	Williamson		00/		0.000	_	0.544	10000	_	2005
	0.60	11000	G	98%	0%	1% 0%	0%	0%	С	0.083	F	0.541	12000	G	2005
	0.60	11000 To	G	98%	0%	1% 0% ECL Roano	0% ke	0%	С	0.083	F	0.541	12000	G	2005
	0.60	11000	G	98%	0%	1% 0%	0% ke	0%	C	0.083	F	0.541	12000	G G	2005

Carried Rounoide							City of	Roanoke	)								
Columbia National Properties	Route	Length	AADT	QA	4Tire	Bus				2Trail	QC		QK		AAWDT	QW	Year
Mountain Niew Terrace	City of Roanoke																
Signal   S	Ponnington St	0.70			000/	00/			00/	00/		0.095	_	0.560	14000	C	2005
March   Marc	8023) Berinington St	0.78	13000		98%	0%	1%	0%	0%	0%	Г	0.085	Г	0.566	14000	G	2005
Note	O Bassissias Ot	0.50	From	Ц.	000/	00/			00/	00/	N.	0.005		0.500	4.4000		0005
Mountain Rd   0.39	Bennington St	0.59	13000	N	98%	0%	1%	0%	0%	0%	N	0.085	N	0.568	14000	N	2005
1.75   7000   6   98%   0%   1%   1%   1%   1%   9%   F   0.098   F   0.639   7600   G   200	<u> </u>		To From														
Company   Comp	(8023) Hollins Rd	0.39		G	92%	1%				0%	С	0.086	F	0.517	9400	G	2005
Cold Mountain Rd									;								
NCL Reserved See 2015   NCL	Old Mountain Rd	1.75	7000	G	98%	0%			1%	0%	F	0.098	F	0.639	7600	G	200
Mountain View Terrace   0.49   2000   G   98%   0%   1%   1%   1%   0%   F   0.087   F   0.575   2200   G   200	3023)																
Mountain View Terrace			From				Mem	orial Ave									
Chesterfield Street	Mountain View Terrace	0.49	2000	G	98%	0%			1%	0%	F	0.087	F	0.575	2200	G	200
Chesterfield Street  0.16 1200 G 98% 0% 1% 1% 1% 1% 0% F 0.105 F 0.607 1400 G 200    MacChaelman St	0024)		To														
Membrial Ave	_		From				Mountain	View Terra	ice								
Secondary   Seco	Chesterfield Street	0.16		G	98%	0%	1%	1%	1%	0%	F	0.105	F	0.607	1400	G	200
August   A			То	<u> </u>			Mem	orial Ave									
	$\sim$																
Defersion St   0.40   12000   G   98%   0%   1%   1%   1%   0%   0%   C   0.088   F   0.546   13000   G   200	3025) Jefferson St	0.43	6200	G	98%	0%	1%	1%	1%	0%	F	0.088	F	0.581	6800	G	200
Workst   1500   G	_		To From				Rese	erve Ave									
Wonju St   0.27   14000   G   98%   0%   1%   1%   1%   0%   F   0.1   F   0.578   15000   G   200	Jefferson St	0.40	12000	G	98%	0%	1%	1%	1%	0%	С	0.088	F	0.546	13000	G	200
Worly St   0.27   14000   G   98%   0%   1%   1%   1%   0%   F   0.1   F   0.578   15000   G   200	$\smile$		To			•	Wal	nut Ave									
Colomial Ave   Colo			From				Fran	klin Ave									
Patterson Ave   0.99   7000   G   96%   1%   2%   0%   2%   0%   C   0.089   F   0.578   7700   G   200	3027) Wonju St	0.27	14000	G	98%	0%	1%	1%	1%	0%	F	0.1	F	0.578	15000	G	200
Patterson Ave   0.99   7000   G   96%   1%   2%   0%   2%   0%   C   0.089   F   0.578   7700   G   2000			To				Colo	nial Ave									
Patterson Ave   0.58   3800   G   96%   1%   2%   0%   2%   0%   F   0.086   F   0.578   4200   G   2000			From				Boul	evard St									
Patterson Ave   0.58   3800   G   96%   1%   2%   0%   2%   0%   F   0.086   F   0.578   4200   G   200	Patterson Ave	0.99	7000	G	96%	1%	2%	0%	2%	0%	С	0.089	F	0.578	7700	G	200
Patterson Ave   0.58   3800   G   96%   1%   2%   0%   2%   0%   F   0.086   F   0.578   4200   G   200	<u> </u>		To				13	3Th St									
Campbell St	Patterson Ave	0.58		G	96%	1%			2%	0%	F	0.086	F	0.578	4200	G	200
Second Area   15000   G   98%   0%   1%   0%   0%   0%   F   0.084   F   0.502   17000   G   2000			To				Carr	npbell St									
Brandon Ave   0.82   15000   G   98%   0%   1%   0%   0%   0%   F   0.084   F   0.502   17000   G   2000			From				Gra	ndin Rd									
Substitute   Sub	Brandon Ave	0.82	15000	G	98%	0%			0%	0%	F	0.084	F	0.502	17000	G	200
Brandon Ave 0.92 21000 G 98% 0% 1% 0% 0% 0% 0 00 0 0 0.084 F 0.503 2300 G 2000    Second Colors   Second Color	3023)		To					ambleton A	ve								
Trans   Franklin Rd   Frankl	^		From														
Trees	<sub>8029</sub> Brandon Ave	0.92	21000	G	98%	0%			0%	0%	С	0.084	F	0.503	23000	G	200
2030) Loudon St 1.23 2100 G 95% 1% 3% 0% 1% 0% C 0.089 F 0.505 2300 G 2005  2030) Loudon St 0.43 970 G 95% 1% 3% 0% 1% 0% F 0.093 F 0.586 1100 G 2005  2031) Maple Ave 0.36 360 G 96% 1% 2% 0% 2% 0% F 0.112 F 0.729 390 G 2005  2032) Overland Rd 0.32 9500 G 99% 0% 1% 0% 0% 0% 0% F 0.099 F 0.528 10000 G 2005  2033) Sth Street 0.37 4600 G 99% 0% 1% 0% 0% 0% 0% F 0.091 F 0.632 5000 G 2005  2035) Sth Street 0.78 3400 G 99% 0% 1% 0% 0% 0% 0% F 0.091 F 0.642 3700 G 2005  2036) Broadway Ave 0.16 1200 G 99% 0% 0% 0% 0% 0% F 0.209 F 0.632 50 G 2005  2037 0 0% 0% 0% 0% 0% 0% 0% F 0.091 F 0.642 3700 G 2005  2038 0 0% 0% 0% 0% 0% 0% 0% 0% F 0.091 F 0.642 3700 G 2005  2039 0 0% 0% 0% 0% 0% 0% 0% F 0.091 F 0.642 3700 G 2005  2039 0 0% 0% 0% 0% 0% 0% 0% 0% F 0.091 F 0.642 3700 G 2005  2039 0 0% 0% 0% 0% 0% 0% 0% 0% F 0.091 F 0.632 50 G 2005  2039 0 0% 0% 0% 0% 0% 0% 0% 0% F 0.091 F 0.667 1300 G 2005	<u> </u>		To				Fran	ıklin Rd									
10th St   10th																_	
1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000   1000	8030 Loudon St	1.23	2100	G	95%	1%	3%	0%	1%	0%	С	0.089	F	0.505	2300	G	200
Colonial Ave   Colo			To From				10	Oth St									
Name	8030) Loudon St	0.43		G	95%	1%	3%	0%	1%	0%	F	0.093	F	0.586	1100	G	200
Maple Ave   0.36   360   G   96%   1%   2%   0%   2%   0%   F   0.112   F   0.729   390   G   2009	$\overline{}$		To				5	th St									
SR 116   S			From				De	ad End									
Sample   S	Maple Ave	0.36	360	G	96%	1%	2%	0%	2%	0%	F	0.112	F	0.729	390	G	200
Overland Rd  0.32  9500  G  99%  0%  1%  0%  0%  0%  0%  0%  F  0.099  F  0.528  10000  G  2008  From  Colonial Ave  Salem Ave  3035)  5th Street  0.78  3400  G  99%  0%  1%  0%  0%  0%  0%  0%  0%  0%  0	$\overline{}$		То				Sl	R 116									
Colonial Ave   Salem Ave   S			From				Bramb	oleton Ave									
Colonial Ave   From   Elm Ave	8032) Overland Rd	0.32	9500	G	99%	0%	1%	0%	0%	0%	F	0.099	F	0.528	10000	G	200
Salem Ave    Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial	$\overline{}$		To				Colo	nial Ave									
Salem Ave  10.78  3400  G 99% 0% 1% 0% 0% 0% F 0.091 F 0.642 3700 G 2008  To  Colonial Ave  10.3036  Broadway Ave 0.07  49 G 99% 0% 0% 0% 0% 0% 0% 0% F 0.209 F 0.632 50 G 2008  Sandford Ave  Dead End  Dead End  0.16 1200 G 99% 0% 0% 0% 0% 0% F 0.135 F 0.667 1300 G 2008			From				Elı	m Ave									
Salem Ave  O.78 3400 G 99% 0% 1% 0% 0% 0% F 0.091 F 0.642 3700 G 2008  To Orange Ave  From: Colonial Ave  Sandford Ave  From: Sandford Ave  From: Dead End  O.8036 Broadway Ave  O.16 1200 G 99% 0% 0% 0% 0% 0% 0% F 0.135 F 0.667 1300 G 2008	5th Street	0.37	4600	G	99%	0%	1%	0%	0%	0%	С	0.101	F	0.632	5000	G	200
3035) 5th Street 0.78 3400 G 99% 0% 1% 0% 0% 0% F 0.091 F 0.642 3700 G 2008    From:   Colonial Ave	$\overline{}$		To				Sale	em Ave				<b>—</b> —					
Tro     Colonial Ave     Colonial Ave     Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonial Ave   Colonia	5th Street	0.78		G	99%	0%			0%	0%	F	0.091	F	0.642	3700	G	200
Broadway Ave 0.07 49 G 99% 0% 0% 0% 0% 0% F 0.209 F 0.632 50 G 2008  To: Sandford Ave    Dead End   Dead End   Dead Service   Dead End   Dead E														<u> </u>			
Broadway Ave 0.07 49 G 99% 0% 0% 0% 0% 0% F 0.209 F 0.632 50 G 2008    To			From									i					
Sandford Ave     Dead End	Broadway Ave	0.07	49	G	99%	0%			0%	0%	F	0.209	F	0.632	50	G	200
Dead End   Dead End     Dead End     Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead End   Dead		·			/ 0	- / 0				<b>.</b>	-		-	<b></b>		-	_00
	<u> </u>						De										
	8036) Broadway Ave	0.16	1200	G	99%	0%	0%	0%	0%	0%	F	0.135	F	0.667	1300	G	200
	$\smile$		To				Wo	onju St									

						City o	f Roanok	e								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke																
Drandway Ava	0.47	From:	G	000/	00/		nklin Rd	0%	00/	С	0.001	F	0.505	7000	0	2005
8036 Broadway Ave	0.47	7100	-	99%	0%	0% McC	0% Tanahan St	0%	0%		0.091	Г	0.585	7800	G	2005
		From:	1				iamson Rd				_					
(8038) Fleming Ave	0.87	1300	G	99%	0%	0%	0%	0%	0%	F	0.106	F	0.524	1400	G	2005
6036) · · · · · · · · · · · · · · · · · · ·		To:	Ť				ntation Rd			-		-				
		From:				Mountair	n View Ten	race								
8039 Bridge St	0.45	3900	G	99%	0%	0%	0%	0%	0%	F	0.086	F	0.577	4300	G	2005
$\overline{}$		To:	:			Patt	erson Ave									
		From:				Fra	nklin Rd									
8040 Reserve Ave	0.37	5700	G	96%	0%	1%	2%	1%	0%	F	0.099	F	0.532	6300	G	2005
<u> </u>		To:				Jef	ferson St									
O 4011 2:		From:		2221			pbell Ave	401				_			_	
10th Street	0.62	8900	G	96%	0%	1%	2%	1%	0%	F	0.081	F	0.548	9700	G	2005
		From:					rfax Ave									
10th Street	0.51	11000	G	96%	0%	1%	2%	1%	0%	F	0.088	F	0.57	12000	G	2005
		To: From:					gby Blvd									
10th Street	0.58	11000	G	96%	0%	1%	2%	1%	0%	F	0.091	F	0.532	12000	G	2005
<u> </u>		To- From:				I-58	l Overpass									
8041) 10th Street	0.56	7600	G	96%	0%	1%	2%	1%	0%	F	0.090	F	0.563	8300	G	2005
<u> </u>		To:				Will	iamson Rd									
<u> </u>		From:	<u> </u>		221		ferson St	401		_		_				
Belleview Ave	0.61	4700	G	98%	0%	1%	0%	1%	0%	С	0.091	F	0.718	5100	G	2005
		From:					Walnut Av It Pleasant I							-	-	
8042) Rutrough Rd	0.57	1400	G	96%	0%	1%	2%	1%	0%	F	0.095	F	0.610	1500	G	2005
		To:				ECI	Roanoke									
		From:				Patt	erson Ave									
8045) Boulevard St	0.16	9200	G	96%	0%	1%	2%	1%	0%	F	0.085	F	0.524	10000	G	2005
$\overline{}$		To: From:				Sa	lem Ave				$\Box$					
8045) Boulevard St	0.25	12000	G	96%	0%	1%	2%	1%	0%	F	0.085	F	0.507	13000	G	2005
$\bigcirc$		To: From:				Ва	ker Ave									
8045) 24th Street	0.41	10000	G	96%	0%	1%	2%	1%	0%	F	0.085	F	0.571	11000	G	2005
$\overline{}$		To:				Me	lrose Ave									
_		From:				Ben	nington St								-	
8048) Riverdale Rd	0.78	1500	G	96%	0%	1%	2%	1%	0%	F	0.1	F	0.596	1600	G	2005
<u> </u>		To:				ECI	Roanoke									
O		From:					ange Ave									
8050 Gus Nicks Blvd	0.70	16000	G	96%	0%	1%	2%	1%	0%	С	0.083	F	0.649	18000	G	2005
		To:					Roanoke									
Dumuell Ct	0.05	From:	<u> </u>	000/	00/		ange Ave	40/	00/	_	0.000	_	0.040	0200	0	2005
8053) Burwell St	0.35	5800 To:	G	96%	0%	1%	2% berty Rd	1%	0%	F	0.096	F	0.616	6300	G	2005
		From:					urrell St									
8053) Liberty Rd	0.74	4500	G	97%	0%	1%	0%	1%	0%	С	0.098	F	0.639	4900	G	2005
$\overline{}$		To: From:	-			Will	iamson Rd									
8053) Liberty Rd	0.40	4800	G	97%	0%	1%	0%	1%	0%	F	0.088	F	0.507	5200	G	2005
$\smile$		To				Plar	ntation Rd									
		From:				Gus l	Nicks Blvd									
8055) King St	1.46	11000	G	97%	0%	1%	0%	1%	0%	F	0.095	F	0.576	12000	G	2005
$\smile$		To:				Ţ	JS 460									
		From				128-800	8 Salem Tp	ke								
8057) Westside Blvd	0.65		G	99%	0%	128-800 1%	8 Salem Tp 0%	oke 0%	0%	F	0.095	F	0.552	3600	G	2005
8057) Westside Blvd	0.65	From	G	99%	0%	1%			0%	F	0.095	F	0.552	3600	G	2005
8057) Westside Blvd	0.65	3300 To:	G G	99%	0%	1%	0%		0%	F	0.095	F	0.552 0.575	3600 6200	G G	2005

					City of Roanoke							
Route	Length AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail	CC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
tv of Roanoke	From				SR 117 Peters Creek Rd		1					
128-8008 Salem Trnpk	NA				SK 117 Tetels eleck Ru		NA			NA		
	To				36th St							
	From				Centre Ave							
17th Street	330	G					0.091	F		360	G	200
	To				Loudon Ave							
4.04h . Otro at	From:				Edgerton Ave		0.422	_		400	_	200
18th Street	120 <sub>To:</sub>	G			Riverdale Rd		0.133	F		130	G	200
	From											
19th Street	2000	G			Orange Ave		0.081	F		2200	G	200
	To:				Hanover Ave			-				
	From				Baker Ave							
25th Street	1100	G					0.089	F		1200	G	200
	To				Centre Ave							
	From				Dale Ave							
7th Street	590	G					0.105	F		640	G	200
	To:				Stewart Ave							
A I A	From	_			White Oak Rd			_		0.400	_	000
Avenham Ave	5800 <sub>та</sub>	G			Clydesdale St		0.093	F		6400	G	200
	From:											
Barnhill Ln	90	G			Windsor Rd		0.094	F		100	G	200
Darrillii Eri	To:				Grandin Rd		0.054	•		100	J	200
	From				Clyde St							
Dunkirk Ave	1400	G			Ciyac St		0.161	F		1500	G	200
	To				Cline St							
	From				Cove Rd							
Fairhope Rd	1400	G					0.095	F	0.521	1500	G	200
	To				Appleton Ave							
	From				Memorial Ave							
Fauquier St	2500 <sub>то:</sub>	G			Demoister Ass		0.091	F		2700	G	200
					Denniston Ave							
Forest Park Blvd	From: <b>1700</b>	G			Olive Ave		0.08	F	0.577	1800	G	200
Forest Falk Divu	17 00 To:	-			Alder St		0.00	-	0.577	1000	G	200
	From				Collingwood St							
Fugate Rd	1100	G			Connigwood St		0.101	F		1300	G	200
- agains 112	To:				Luray St			-				
	From				Kenwood Blvd							
Greenbrier Ave	170	G					0.148	F		190	G	200
	To				19th St							
	From				Hershberger Rd							
Hazelridge Rd	360	G					0.098	F		390	G	200
	To				Vincient Ave							
	From	_			Dogwood Ln S			_		200	_	000
Heritage Rd	200 <sub>то</sub>	G			Downand La N		0.119	F		220	G	200
	From				Dogwood La N							
Hildebrand Rd	1700	G			Hershberger Rd		0.107	F		1900	G	200
i iliuguiallu INU	1 / UU To:	9			Whitney Ave		0.107	1-		1900	G	200
	From				Troxell Rd							
Hillview Ave	90	G			HUACH KU		0.2	F		100	G	200
	To:				Ventnor Rd						_	
	From				Lansing Dr							
Langdon Rd	170	G			<u> </u>		0.141	F		190	G	200
	To				Fairway Dr							
								-				

					City of Roanoke							
Route	Length AADT	QA	4Tire	Bus	Truck2Axle 3+Axle 1Trail	CC	K Factor	QK	Dir Factor	AAWDT	QW	Year
of Roanoke	From:	1			Hollins Rd		-					
Liberty Rd	190	G			Hollills Ku		0.097	F		210	G	2005
<u> </u>	To				Norton Ave							
	From:				Oakland Ave							
Maplelawn Ave	220	G					0.101	F		240	G	200
	To:				Link St							
Mandau D D.	From:				Brook Run Dr			_			_	
Meadow Run Dr	120	G			a :		0.152	F		130	G	200
	From:	1			Spring Tree Dr							
Meadowbrook Rd	680	G			Northwood Dr		0.095	F		740	G	200
	To:	٣			Sloan Rd		0.093			740	G	200
	From:				King St							
Mecca St	960	G			King St		0.115	F	0.68	1000	G	200
	To:				Belle Ave							
	From:				Yellow Mt Rd							
Melcher St	100	G					0.133	F		110	G	200
	To:				Carico Ave							
	From				Vermont Ave							
Monroe St	570	G					0.088	F		620	G	200
	To				Maine Ave							
	From:	Ļ			Old Mountain Rd			_		400	_	000
Monterey Rd	450	G			Dead End		0.113	F		490	G	200
	From:	1										
Montrose Ave	910	G			Morningside St		0.113	F		1000	G	200
Worldose Ave	JIU To:	Ü			11th Half St		0.113	'		1000	O	200
	From:				Road							
Municipal Airport Entran	NA				Roud		NA			NA		
	To:				Airport							
	From:				Winsloe Dr							
Oaklawn Ave	260	G					0.116	F		280	G	200
	To:				Hazelridge Rd							
	From:				Colonial Ave							
Persinger Rd	1900 <sub>To:</sub>	G			DI CIIDII		0.086	F	0.621	2000	G	200
					Bluefield Blvd							
Portland Ave	From: 490	G			Cove Rd			F	0.51	E 40	0	200
Portiand Ave	490 To:				Oleva St		0.086	Г	0.51	540	G	200
	From:				New Spring Branch Rd							
Ray Rd	140	G			New Spring Branch Ku		0.129	F		150	G	200
	To:				Dead End							
	From:				Gun Club Rd							
Renfro Blvd	120	G					0.111	F		130	G	200
	To:				Pilot St							
	From:				Mabry Ave							
Reynolds Rd	810	G					0.120	F		890	G	200
	To:	<u> </u>			ECL Roanoke							
	From:				Cannaday Rd	-					_	
Richard Ave	850	G					0.109	F	0.749	930	G	200
		<u> </u>			Mecca St							
Didaofield Ct	190	<u> </u>			Mississippi Ave		0.440	_	0.540	400	<u></u>	200
Ridgefield St	180	G			Norton Ave		0.119	F	0.542	190	G	200
	From:						<u> </u>					
Roanoke Ave	800	G			Burks St		0.113	F		880	G	200

						City 0	i Kuani	JKC								
Route	Length	AADT	QA	4Tire	Bus			uck 1Trail	2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
of Roanoke											-					
Salem Ave		3000	G			1	9Th St				0.089	F		3300	G	200
Salem Ave		3000 To:	۳			2	20Th St				0.069	г		3300	G	200
		From:	! ]				ewood Av				+					
Sweetbrier Ave		80	G			KUSC	wood Av				0.152	F		90	G	200
		To:	Ť			Cl	ifford St					•				
		From:				De	yerle Rd									
Valentine Ave		160	G				•				0.116	F	0.714	170	G	200
		To:				Kno	llwood R	d								
		From:				Ea	anes Rd									
Ventnor Rd		430	G								0.094	F		470	G	200
		To:				Hill	view Ave	2								
		From:				Ot	mar Ave									
Vinyard Ave		20	G								NA			20	G	200
		To:				At	therly St									
		From:	<u> </u>			C	omer St					_			_	
Virginia Ave		<b>20</b>	G				15.1				0.38	F		20	G	200
							ead End									
Mhitnay Ava		490	G			Wo	odbury St	t			0.118	F		540	G	200
Whitney Ave		490 To:				Wi	insloe Dr				0.116	Г		340	G	200
		From:	l													
Willow Oak Dr		210	G			winte	erberry La	ne			0.103	F	0.549	230	G	200
THIOW CAN DI		To:	Ť			Willow	w Oak Cir	cle				•	3.0-13	200	J	200
		From:	<u> </u>				gewood S				i					
Windsor Ave		550	G			Dug	- 1100a D	-			0.09	F		600	G	200
		To-				De	rwent Dr									